

Safety Data Sheet
Kaolin Clay

July 5th, 2018

Section 1: Chemical Product and Company Identification

Product name: Kaolin Clay
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Formula: AL₂O₃ · 2SiO₂
CAS Number: 92704-41-1

Relevant identified uses of the substance or mixture and uses advised against Identified uses: Laboratory chemicals, Manufacture of substances, Food additive, medical additive and cosmetic industry etc.

Emergency Phone Number:
Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture in accordance with 29 CFR part 1910 subpart Z(2012)
This substance is not classified as dangerous accordance with 29 CFR part 1910 subpart Z(2012)

2.2 Label elements

The product does not need to be labelled in accordance with GHS criteria.

Hazard pictograms: Not applicable

Signal word: Not applicable

Hazard statement: Not applicable

2.3 Other Hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1 % or higher.

Section 3: Composition/Information on Ingredients

3.1 Substances

Synonyms: Aluminum Silicate

Formula: $AL_2O_3 \cdot 2SiO_2$

Molecular weight: 100 $10mg/m^3$ (Total dust) $2mg/m^3$
 $5mg/m^3$ (respirable dust) (Respirable fraction)

CAS-No.: 92704-41-1

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: If breathed in remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Eye Exposure: Flush eyes with water as a precaution. If irritation develops, call a physician.

Skin Exposure: Procedures normally not needed. If skin contact occurs flush with plenty of water. If irritation develops, call a physician.

Ingestion: If swallowed, induce vomiting immediately as directed by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed Treatment:

No data available

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Product will not burn. Use appropriate extinguishing media to extinguish combustible materials stored near-by.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Non Combustible Solids

7.3 Specific end uses

No specified uses are stipulated

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls - Personal protective equipment

Appropriate engineering controls
General industrial hygiene practice.
Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as 29 CFR part 1910 subpart Z(2012).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of 29 CFR part 1910 subpart Z(2012).

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Form: Powder; **Color:** White

Odor: Odorless

Odor Threshold: No Data Available

pH: 5.5 – 7.0

Melting Point/Freezing Point: No data available

Initial Boiling Point: No data available

Flash Point: No data available

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper/Lower flammability or explosive limits: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Relative density: No data available

Water Solubility: No data available

Partition coefficient: No data available

Auto-Ignition: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive Properties: No data available

Oxidizing Properties: No data available

9.2 Other safety information

No data available

Section 10: Stability and Reactivity

10.1 Reactivity None

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions None known

10.4 Conditions to avoid None known

10.5 Incompatible materials None known

10.6 Hazardous decomposition products None known. In the event of fire see section 5

Section 11: Toxicological Information

11.1 Toxicological Effects

Acute toxicity: No data available

Skin corrosion / irritation: No data available

Serious eye damage / irritation: No data available

Respiratory sensitization: No data available

Skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

The levorotary (l) forms of leucine, isoleucine, and valine have been found to have tumor-promoting activity for bladder carcinomas., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

12.1 Toxicity: No data available

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1 % or higher.

12.6 Other adverse effects: No data available.

Section 13: Disposal Conditions

13.1 Waste treatment methods

Recommendation

Hand over to disposers of hazardous waste.

Must be specially treated under adherence to official regulations.

Consult state, local or national regulations for proper disposal.

Recommendation

Disposal must be made according to official regulations.

Recommended cleaning agent

Water, if necessary with cleaning agent.

As local regulations may vary, all waste must be disposed / recycled / recycled /reclaimed in a accordance with federal, state, and , local environmental control regulations.

Section 14: Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI				Not Regulated - Not Dangerous Goods
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid, n.o.s.				Not Regulated - Not Dangerous Goods
IATA (Air Cargo) Environmentally Hazardous Substance, Liquid, n.o.s.				Not Regulated - Not Dangerous Goods
IMDG (Sea) Environmentally Hazardous Substance, Liquid, n.o.s.				Not Regulated - Not Dangerous Goods

Section 15: Regulatory Information

This safety datasheet complies with the requirements of 29 CFR part 1910 subpart Z (2012).

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

Section 16: Other Information

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.